

April 21, 2006



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

**Pipeline and
Hazardous Materials
Safety Administration**

DOT-SP 11579
(ELEVENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain Division 1.1B, 1.1D, 1.4B, 1.4D and 1.5D explosives, Division 5.1 oxidizers, Class 8 materials and combustible liquids in separate containers mounted on the same vehicle frame structure. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 177.835(c)(3) in that Division 1.1 explosives may not be loaded into or carried on any vehicle in a combination with a cargo tank containing material required to be placarded under § 177.823 (i.e., Combustible liquid, n.o.s.), except as specified herein; § 177.848(e)(2), in that transportation of Division 1.1, 1.4 and 1.5 explosives with Division 5.1 and/or Class 8 materials on the same motor vehicle is not authorized, except as specified herein; and § 173.848(g)(3) in that detonators and detonator assemblies are not authorized to be packed together on the same motor vehicle with other Class 1 explosives, except as specified herein.

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5. BASIS: This special permit is based on the application of Dyno Nobel Inc., dated May 12, 2004, and additional information dated October 19 and December 12, 2005 submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Ammonium nitrate	5.1	UN1942	III
Ammonium nitrate emulsions	5.1	UN3375	II
Ammonium nitrate-fuel oil mixture <i>containing only prilled ammonium nitrate and fuel oil</i>	1.5D	NA0331	II
Articles, explosive, n.o.s.	1.4S	UN0349	III
Boosters, <i>without detonator</i>	1.1D	UN0042	II
Combustible liquid, n.o.s.	Combustible	NA1993	III
Cord, detonating, <i>flexible</i>	1.1D	UN0065	II
Cord, detonating, flexible	1.4D	UN0289	II
Corrosive liquid, acidic, organic, n.o.s.	8	UN3265	II
Detonator assemblies, non-electric, <i>for blasting</i>	1.1B 1.4B	UN0360 UN0361	II II
Detonators, electric, <i>for blasting</i>	1.1B 1.4B	UN0030 UN0255	II II
Explosive, blasting, Type B or Agent Blasting, Type B	1.5D	UN0331	II
Explosive, blasting, Type E or Agent Blasting, Type E	1.5D	UN0332	II
Oxidizing liquid, n.o.s.	5.1	UN2426	II
Oxidizing liquid, n.o.s. (Ammonium nitrate emulsion)	5.1	UN3139	III
Oxidizing solid, n.o.s.	5.1	U1479	II

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NOTE: Other blasting explosives and oxidizers must be specifically identified to, and acknowledged in writing, by the Office of Hazardous Materials Special Permits and Approvals (OHMSPA) prior to the first shipment.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packagings are as follows:

(1) The following packagings are authorized for the Class 8 hazardous materials:

(i) Non-DOT specification metal containers shown in Dyno Nobel's Drawing Nos. YAT12005B, 321298, 321299 and AYC691 appended to the October 25, 1995 application and Dyno Nobel's Drawing Nos. 310082, 310083 and 310084 appended to the March 20, 2001 application, all of which are suitable for the transportation of UN3265, Packing Group II liquids. Drawings are on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA).

(ii) Non-DOT specification metal containers of similar design which have been authorized in writing by the Associate Administrator for Hazardous Materials Safety prior to first shipment may also be used.

The metal containers must have a net volumetric capacity of not more than 450 liters (119 gallons) and must be permanently mounted in the motor vehicle cargo area. The container may not have a common wall with other compartments or tanks containing Division 1.5 explosive materials or Division 5.1 liquid oxidizing materials.

(2) The following packagings are authorized for the Division 1.5D explosive materials and the Division 5.1 liquid oxidizer materials which have been authorized by OHMSPA for shipment in bulk under this special permit:

(i) DOT 406, DOT 407, DOT 412, MC 306, MC 307 and MC 312 cargo tank motor vehicles.

(ii) UN31A, UN31B or UN31H intermediate bulk containers.

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(iii) DOT Specifিকাion IM-102 portable tanks and DOT Specification IM 101 portable tanks equipped with relief devices specified for IM-102 portable tanks so that the effective maximum allowable working pressure of the tank will not exceed 1.75 bars (25.4 psig).

(iv) Non-DOT specification compartmented cargo tanks suitable for transportation of UN0332 liquid blasting explosives and UN3139 liquid oxidizers. All non-DOT specification cargo tanks must be equipped with pressure relief systems meeting the requirements of §§ 178.346-3 or 178.347-4.

(3) Combustible liquids (NA1993) must be packaged in DOT Specification cargo tanks or non-DOT specification cargo tanks suitable for liquids with a capacity not to exceed 210 gallons.

(4) The Division 1.1D and 1.4D explosives must be packaged as prescribed in the § 173.62(c) Table according to their UN number and overpacked in an IME Safety Library Publication 22 (IME-22) container or compartment.

(5) The Division 1.1B and 1.4B electric detonators and non-electric detonator assemblies must be packaged according to § 173.63(f) or (g) in a separate IME 22 container or compartment.

b. TESTING -

(1) All DOT specification bulk packages must be tested and inspected as specified in 49 CFR PART 180, Subparts D, E or G as appropriate.

(2) All non-DOT specification cargo tanks must be tested and inspected in accordance with the requirements for MC 306 cargo tanks in 49 CFR PART 180, Subpart E. A copy of the test results must be carried on the motor vehicle.

(3) Tanks or compartments that are non-pressure capable must be annually leak tested with water or the material to be transported without external pressure. Tanks or compartments must show no signs of leakage at filled volume capacity for at least five minutes. Leakage of any nature requires further inspection and

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repair before use under the terms of this special permit.

c. OPERATIONAL CONTROLS -

(1) Transportation is limited to private carriage only.

(2) The two IME 22 containers or compartments must be located either directly behind the cab or under the chassis deck on the opposite sides of the transport vehicle. An IME 22 container or compartment may not share a common wall or be in direct contact with another IME 22 container or compartment or a cargo tank, container or piping containing a hazardous material.

(3) None of the materials in any cargo tank or container on the motor vehicle may be mixed, transferred or circulated while the vehicle is in transit on a public road or highway.

(4) All transfer pumps must be equipped with at least two positive means to prevent operation while in transportation. All process lines should be clear of any hazardous materials and all valves must be securely closed before transport on a public road or highway.

8. SPECIAL PROVISIONS:

a. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

b. The cargo compartment of the motor vehicle must be plainly and durably marked on both sides behind the cab section in letters and numbers at least 5 cm (2 inches) high on a contrasting background "DOT-SP 11579".

c. Packagings permanently marked "DOT-E 11579", prior to October 1, 2007 may continue to be used under this special permit for the remaining service life of the packaging or until the special permit is no longer valid. Packagings marked on or after October 1, 2007 must be marked "DOT-SP 11579".

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- d. Shipping papers displaying "DOT-E 11579" may continue to be used until October 1, 2007, provided the special permit remains valid.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo vessel.
10. MODAL REQUIREMENTS:
- a. A current copy this special permit must be carried aboard each cargo vessel or motor vehicle used to transport the combinations of hazardous materials covered by this special permit.
- b. Drivers must have been instructed as to the necessary safeguards and proper procedures in the event of an unusual delay, fire, explosion or accident involving the hazardous materials covered by this special permit.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704. No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

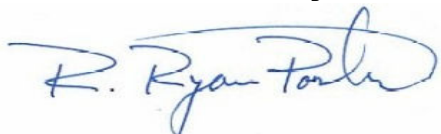
Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat.

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1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term 'exemption' to 'special permit' and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.

A handwritten signature in blue ink, appearing to read "R. Ryan Torker", is written over a horizontal line.

for Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: SW/SS/CHH